

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 1

TTG AGA GCG CTC GTC TTT CAC GGC AAC CTC CAG TAT GCC GAA ATC CCA	48
Leu Arg Ala Leu Val <sup>5</sup>	Leu Arg Ala Leu Val <sup>15</sup>
AAG AGC GAA ATC CCA AAG GTC ATA GAG AAG GCA TAC ATC CCA GTC ATC	96
Lys Ser Glu Ile <sup>20</sup>	Pro Val Ile
GAG ACA CTG ATT AAA ATT CCT TTT GGG CTC AAC ATA ACG GGC	144
Glu Thr Leu <sup>35</sup>	Ile Thr Gly
TAT ACC TTA AAG TTC CTC CCG ATA GAG ATA GAT ATT ATA GAC CTC CTC	192
Tyr Thr Leu <sup>50</sup>	Val Lys Gly
GGC ATC GCG AGT GAC CTG ATA GAG ATA GAG ATA GAG AGC AGC	240
Gly Ile Ala Ser Asp <sup>65</sup>	Thr His
GCA ATA CTC CCC CTC CTC CCG CTC CCG CTT AGC AGA GAA GCA CAA GTT CAG	288
Ala Ile Leu Pro <sup>85</sup>	Val Gln
AGA GAT AGG GAA GTT AAG GAG GAG CTC TTC GAG CTT TCT CCA AAG GGA	336
Arg Asp Arg Glu <sup>100</sup>	Lys Gly
TTC TGG CTG CCA GAG GAG GTC GAC CCG ATA ATC CCT GCC ATA CTG	384
Phe Trp Leu <sup>115</sup>	Ile Leu

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

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FIG. 1A

AAG GAC AAC GGT TAT GAG TAT CTA TTC GCC GAC GGG GAG GCG ATG CTT	432
Lys Asp 130 Tyr Gly 135 Tyr Glu Tyr Leu Phe Ala Asp 140	
TTC TCA GCT CAT CTC AAC TCG GCG ATA AAG CCA ATT AAA CCG CTC TAT	480
Phe Ser 145 Ala His Leu 150 Ser Ala Ile Lys 155 Pro Ile Lys Pro Leu Tyr 160	
CCA CAC CTT ATA AAG GCC CAA AGG GAA AAG CGC TTT AGG TAC ATC AGC	528
Pro His 165 Ile Lys 165 Ala Arg Gln Arg Glu Lys 170 Arg Phe 175 Ile Ser	
TAT CTC CTT GGT GGT CTC AGG GAG CTT AGG AAG GCG ATA AAG CTC GTT TTT	576
Tyr Leu 180 Gly 180 Leu Arg Glu Leu Arg Lys 185 Arg Ala Lys 190 Leu Val Phe	
GAA GGT AAG GTA ACG CTA AAG GCA GTC AAA GAC ATC GAA GCC GTA CCC	624
Glu Gly 195 Lys Thr Leu Lys 200 Ala Val Lys Asp Ile Glu 205 Ala Val Pro	
GTT TGG GTG GCC GTG AAC ACG GCT GTA ATG CTC GGC ATC GGA AGG CTT	672
Val Trp 210 Val Ala Val 215 Thr Ala Val Met Leu Gly 220 Ile Ile Arg Leu	
CCT CTT ATG AAT CCT AAG AAA GTG GCG AGC TGG ATA GAG GAC AAG GAC	720
Pro Leu 225 Met Asn Pro 230 Lys Lys Ala Ser 235 Trp Ile Glu Asp 240	
AAC ATT CTT CTA TAC GGC ACC GAT ATA GAG TTC ATT GGC TAT AGG GAC	768
Asn Ile Leu 245 Tyr 245 Asp Ile Glu 250 Phe Ile Ile Gly Tyr 255 Arg Asp	

FIG. 1B

ATT GCA GGC TAC AGA ATG AGT GTT GAG GGA TTA TTA GAG GAT ATA GAC	816
Ile Ala Gly Tyr Arg Met Ser Val Glu Gly Leu Leu Glu Val Ile Asp	260 265 270
GAG CTC AAC TCG GAA CTG TGC CTT CCC TCA GAG CTG AAG CAC ATG GGA	864
Glu Leu Asn Ser Glu Leu Cys Leu Pro Ser Glu Leu Lys His Ser Gly	275 280 285
AGG GAG CTC TAC TTA CGG ACT TCG AGT TGG GCA CCA GAT AAG AGC TTG	912
Arg Glu Leu Tyr Tyr Leu Arg Thr Ser Ser Trp Ala Ala Pro Asp Lys Ser Leu	290 295 300
AGG ATA TGG AGA GAG GAC GAA GGG AAC GCA AGA CTT AAT AAT ATG CTG TCC	960
Arg Ile Trp Arg Arg Glu Asp Glu Gly Asn Ala Arg Ala Glu Leu Met Leu Ser	305 310 315
TAC AAT ATG AGG GGC GAA CTC GCC CTT TTA GCC GAG AAC AAC AGC GAT GCA	1008
Tyr Asn Met Arg Gly Glu Leu Leu Phe Leu Ala Glu Asn Ser Asp Ala	325 330 335
AGG GGA TGG TGG GAG GAG CCT CTC CTC GAG AGG AGG AGG GAT GCC GCG	1047
Arg Gly Trp Glu Arg Pro Leu Leu Arg Arg Arg Arg Ala Phe Arg Ala	340 345 350
ATA TAT AAC GAT TGG AGG GGT GAA AAT GGG GAA CCT TAG	1086
Ile Tyr Asn Asp Trp Arg Gly Glu Glu Gly Glu Pro End	355 360 365

Figure 1

TTG AGA GCG CTC GTC TTT CAC GGC AAC CTC CAG TAT GCC GAA ATC CCA Leu Arg Ala Leu Val Phe His Gly Asn Leu Gln Tyr Ala Glu Ile Pro	48
5 10 15	
AAG AGC GAA ATC CCA AAG GTC ATA GAG AAG GCA TAC ATC CCA GTC ATC Lys Ser Glu Ile Pro Lys Val Ile Glu Lys Ala Tyr Ile Pro Val Ile	96
20 25 30	
GAG ACA CTG ATT AAA GAA GAA ATT CCT TTT GGG CTC AAC ATA ACG GGC Glu Thr Leu Ile Lys Glu Glu Ile Pro Phe Gly Leu Asn Ile Thr Gly	144
35 40 45	
TAT ACC TTA AAG TTC CTC CCG AAG GAT ATT ATA GAC CTC GTT AAA GGG Tyr Thr Leu Lys Phe Leu Pro Lys Asp Ile Ile Asp Leu Val Lys Gly	192
50 55 60	
GGC ATC GCG AGT GAC CTG ATA GAG ATA ATC GGA ACG AGC TAC ACG CAC Gly Ile Ala Ser Asp Leu Ile Glu Ile Ile Gly Thr Ser Tyr Thr His	240
65 70 75 80	
GCA ATA CTC CCC CTC CTC CCG CTT AGC AGA GTA GAA GCA CAA GTT CAG Ala Ile Leu Pro Leu Leu Pro Leu Ser Arg Val Glu Ala Gln Val Gln	288
85 90 95	
AGA GAT AGG GAA GTT AAG GAA GAG CTC TTC GAG CTT TCT CCA AAG GGA Arg Asp Arg Glu Val Lys Glu Glu Leu Phe Glu Val Ser Pro Lys Gly	336
100 105 110	
TTC TGG CTG CCA GAG CTC GCC TAT GAC CCG ATA ATC CCT GCC ATA CTG Phe Trp Leu Pro Glu Leu Ala Tyr Asp Pro Ile Ile Pro Ala Ile Leu	384
115 120 125	
AAG GAC AAC GGT TAT GAG TAT CTA TTC GCC GAC GGG GAG GCG ATG CTT Lys Asp Asn Gly Tyr Glu Tyr Leu Phe Ala Asp Gly Glu Ala Met Leu	432
130 135 140	
TTC TCA GCT CAT CTC AAC TCG GCG ATA AAG CCA ATT AAA CCG CTC TAT Phe Ser Ala His Leu Asn Ser Ala Ile Lys Pro Ile Lys Pro Leu Tyr	480
145 150 155 160	
CCA CAC CTT ATA AAG GCC CAA AGG GAA AAG CGC TTT AGG TAC ATC AGC Pro His 3Leu Ile Lys Ala Gln Arg Glu Lys Arg Phe Arg Tyr Ile Ser	528
165 170 175	
TAT CTC CTT GGT CTC AGG GAG CTT AGG AAG GCG ATA AAG CTC GTT TTT Tyr Leu Leu Gly Leu Arg Glu Leu Arg Lys Ala Ile Lys Leu Val Phe	576
180 185 190	
GAA GGT AAG GTA ACG CTA AAG GCA GTC AAA GAC ATC GAA GCC GTA CCC Glu Gly Lys Val Thr Leu Lys Ala Val Lys Asp Ile Glu Ala Val Pro	624
195 200 205	
GTT TGG GTG GCC GTG AAC ACG GCT GTA ATG CTC GGC ATC GGA AGG CTT Val Trp Val Ala Val Asn Thr Ala Val Met Leu Gly Ile Gly Arg Leu	672
210 215 220	
CCT CTT ATG AAT CCT AAG AAA GTG GCG AGC TGG ATA GAG GAC AAG GAC Pro Leu Met Asn Pro Lys Lys Val Ala Ser Trp Ile Glu Asp Lys Asp	720
225 230 235 240	

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AAC ATT CTT CTA TAC GGC ACC GAT ATA GAG TTC ATT GGC TAT AGG GAC	768
Asn Ile Leu Leu Tyr Gly Thr Asp Ile Glu Phe Ile Gly Tyr Arg Asp	
245 250 255	
ATT GCA GGC TAC AGA ATG AGT GTT GAG GGA TTA TTA GAG GTT ATA GAC	816
Ile Ala Gly Tyr Arg Met Ser Val Glu Gly Leu Leu Glu Val Ile Asp	
260 265 270	
GAG CTC AAC TCG GAA CTG TGC CTT CCC TCA GAG CTG AAG CAC AGT GGA	864
Glu Leu Asn Ser Glu Leu Cys Leu Pro Ser Glu Leu Lys His Ser Gly	
275 280 285	
AGG GAG CTC TAC TTA CGG ACT TCG AGT TGG GCA CCA GAT AAG AGC TTG	912
Arg Glu Leu Tyr Leu Arg Thr Ser Ser Trp Ala Pro Asp Lys Ser Leu	
290 295 300	
AGG ATA TGG AGA GAG GAC GAA GGG AAC GCA AGA CTT AAT ATG CTG TCC	960
Arg Ile Trp Arg Glu Asp Glu Gly Asn Ala Arg Leu Asn Met Leu Ser	
305 310 315 320	
TAC AAT ATG AGG GGC GAA CTC GCC CTT TTA GCC GAG AAC AGC GAT GCA	1008
Tyr Asn Met Arg Gly Glu Leu Ala Phe Leu Ala Glu Asn Ser Asp Ala	
325 330 335	
AGG GGA TGG GAG CCC CTC CCT GAG AGG AGG CTG GAT GCC TTC CGG GCG	1047
Arg Gly Trp Glu Pro Leu Pro Glu Arg Arg Leu Asp Ala Phe Arg Ala	
340 345 350	
ATA TAT AAC GAT TGG AGG GGT GAA AAT GGG GAA CCT TAG	1086
Ile Tyr Asn Asp Trp Arg Gly Glu Asn Gly Glu Pro End	
355 360 365	